

**PLANTS OF  
DRY TORTUGAS NATIONAL PARK**

**An Annotated List**



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Dry Tortugas National Park, though small in area, has a flora, in historic terms, of over 200 plants - more than some much larger Parks. The flora is a curious mixture of native plants, perhaps a quarter of the total, and plants introduced by the human activities. The smaller Keys, East, Bush and Long have mainly native plants; the larger Keys, Garden, with its Fort Jefferson, and Loggerhead, with its Coast Guard Lighthouse and the former Carnegie Research Laboratory, have many introduced plants.

In this annotated checklist the plants are listed by their botanic names with the common name, if known, and are identified by location according to the following key:

Location Key:	B	Bush Key
	Bi	Bird Key (now submerged)
	E	East Key
	G	Garden Key
	H	Hospital Key (Sand Key)
	L	Loggerhead Key
	Lon	Long Key (now connected to Bush Key)
	M	Middle Key (intermittently emerged, no plants)

To indicate whether a plant is native or introduced the following status key is provided:

Status Key:	N	probably native
	I	probably deliberately introduced
	H	probably introduced by accidental human transport
	Nr	native to South Florida, only recently found at DRTO, but probably arrived naturally.
	Ir	a recent deliberate introduction, or a natural range extension of an exotic introduced nearby (i.e. S. Fla.)
	Hr	only recently found at DRTO, probably introduced by accidental human transport

In the twentieth century surveys of the Tortugas' plants have been conducted about every twenty years. Those published in 1907, 1918, and 1942 were augmented by the 1981 publication of the 1962 and 1977 surveys. These are:

**Millspaugh, C. F. 1907** Flora of the Sand Keys of Florida  
**Bowman, H. H. M. 1918** Botanical Ecology of the Dry Tortugas  
**Davis, J. H. 1942** The Ecology of the Vegetation of the Sand Keys of Florida  
**Stoddart D. R. and F. R. Fosberg 1981** Topographic and Floristic Change, Dry Tortugas, Florida, 1904 - 1977

Individual intermediate collections have also been examined. Plants not to be found in the above publications are indicated by the subscript "r" in the above key. Dates are given with each entry to provide an indication of whether the plant may still be found in the Park.

## Pteridophytes - TRUE FERNS

<b><i>Acrostichum danaeifolium</i></b>	Leather Fern	Nr
G - Large Magazine, interior; Specimen in 1980, seen in 1994, not seen in 1995, young plant seen in 1999.		
<b><i>Pteris vittata</i></b>	Chinese Ladder Brake	Ir
G - Small Magazine, interior & exterior; recorded since 1960		
<b><i>Thelypteris kunthii</i></b>	Wood Fern	Nr
G - Small Magazine, interior; recorded since 1980		
G - Large Magazine, interior: seen in 1999		

## Gymnosperms

### ARAUCARIACEAE - ARAUCARIA FAMILY

<b><i>Araucaria columnaris</i></b>	Cook Pine	Ir
G - cultivated within Fort; reported only in 1980		

## Monocotyledons

### AGAVACEAE - AGAVE FAMILY

<b><i>Agave angustifolia</i></b> cultivar 'Marginata'	Century Plant	Ir
G - Parade Ground; reported since 1980, being removed (partially?) in 1995; one plant remaining in 1996		
<b><i>Agave decipiens</i></b>	False Sisal	I
G - Parade Ground; reported since 1918		
L - common; reported since 1942		
<b><i>Agave sisalana</i></b>	Sisal-hemp	I
G - Parade Ground; Terreplein; reported since 1942, to be removed		
L - common; reported since 1918: being removed in 1998-99		
<b><i>Cordyline terminalis</i></b>	Ti Plant	Ir
G - Inside Fort wall, a planting; recorded in 1995-6		
<b><i>Sansevieria hyacinthoides</i></b>	Bowstring-hemp	Ir
G - Inside Fort, cultivated since 1980		
<b><i>Yucca aloifolia</i></b>	Spanish Bayonet	N?
L - not reported since 1942; no specimen		

### AMARYLLIDACEAE - SPIDER LILY FAMILY

<b><i>Hymenocallis latifolia</i></b>	Spider-lily	N
Bi - reported only in 1915		
G - recorded consistently since 1904		
L - recorded consistently since 1904		
<b><i>Hymenocallis littoralis</i></b>	Spider-lily	I?
G - Recorded once in 1962; no specimen		

## ARACEAE - ARUM FAMILY

- Epipremnum pinnatum*** Pothos Ir  
 G - Small Magazine & Ruins near Res., spreading aggressively; reported since 1980
- Syngonium podophyllum*** Nephthytis, Arrowhead Vine Ir  
 G - Cultivated, seen since 1980; can spread aggressively

## ARECACEAE - PALM FAMILY

- Cocos nucifera*** Coconut Palm I  
 Bi - a planting; reported only 1915  
 B - eastern end; drift seedling, about 0.7 m high, 1995  
 G - widely planted; probably present since the 19th century  
 L - widely planted; probably present since the 19th century  
 Lon - eastern strand; drift seedlings, recorded in 1995  
 E - reported as newly planted seedlings, 1980; drift seedling 1996
- Phoenix canariensis*** Canary Island Date Palm I  
 G - a planting within the Fort; not recorded since 1942
- Phoenix dactylifera*** Date Palm I  
 G - a planting within and outside the Fort; recorded since 1916
- Pritchardia pacifica*** Fiji Fan Palm I  
 G - a planting within the Fort; reported since 1962
- Veitchia merrillii*** Manila Palm Ir  
 G - a planting within Fort; seen only in 1980
- Washingtonia filifera*** Desert Fan Palm I  
 G - a planting within Fort; seen since 1962; died, winter season 1996-1997, seedlings

## BROMELIACEAE - PINEAPPLE FAMILY

- Tillandsia fasciculata*** Stiff-leaved Wild Pine Nr  
 G - on Tamarind on Parade Ground; 1996

## COMMELINACEAE - DAYFLOWER FAMILY

- Tradescantia pallida*** cultivar 'Purple Heart' Purple Queen Ir  
 G - cultivated in Fort; since 1960; being removed, 1995; two plants remain in 1996
- Tradescantia spathacea*** Oyster-plant I  
 G - cultivated in Fort, spreading to Small Magazine;  
 reported since 1962
- Tradescantia zebrina*** Wandering Jew Ir  
 G - cultivated in Fort; recorded only in 1960

## CYPERACEAE - SEDGE FAMILY

<b><i>Cyperus alternifolius</i></b> ( <i>C. involucratus</i> )	Umbrella Sedge	Ir
G - cultivated in Fort, spreading to Small Magazine; reported since 1980		
<b><i>Cyperus brunneus</i></b> ( <i>C. planifolius</i> )	Flat Sedge	N
A consistent member of the strand vegetation for all Keys, though sometimes missing from some of the smaller Keys; in 1995, missing from Long & Hospital (Sand) Keys.		
<b><i>Cyperus rotundus</i></b>	Purple Nut Sedge	Hr
G - a lawn weed inside Fort: first collected in 1995. Spreading along the Eastern strand edge in 1998-99		
<b><i>Fimbristylis cymosa</i></b>	Hurricane Grass	Hr
G - Parade Ground; first collected in Fall 1996: spreading, 1998 L - Lawn of Coast Guard enclave; first collected 1997		

## JUNCACEAE - RUSH FAMILY

<b><i>Juncus repens</i></b>	Rush	Hr
G - inside Fort; collected once in 1961		

## LILIACEAE - LILY FAMILY

<b><i>Aloe vera</i></b>	Aloe	I
G - cultivated in Fort; recorded since 1962 L - cultivated; recorded only in the period 1918-42		
<b><i>Asparagus densiflorus</i></b> cv. 'Sprengerii'	"Emerald Fern"	I
G - cultivated inside Fort; since 1980 L - usually a cultivated plant, recorded, without comment, by Davis (1942) as a "weed"		
<b><i>Asparagus officinalis</i></b>	Garden Asparagus	I
G - cultivated inside Fort; seen only in 1960		

## MUSACEAE - BANANA FAMILY

<b><i>Musa x paradisiaca</i></b>	Banana	Ir
G - near the Residence; intermittently since 1962		

## PANDANACEAE - SCREW-PINE FAMILY

<b><i>Pandanus tectorius</i></b>	Screw-Pine	I
G - reported only in 1962		

## POACEAE - GRASS FAMILY

<b><i>Bothriochloa pertusa</i></b>	Pitted Bluestem	Hr
G - Parade Ground & Terreplein; first reported in 1995, common, spreading		

<b><i>Cenchrus echinatus</i></b>	Southern Sandspur	N
G - Parade Ground, common; in 1904 & again since 1960		
L - CG enclave; in 1916 & again since 1960		
<b><i>Cenchrus incertus</i></b>	Coastal Sandspur	N
G - Parade Ground; recorded since 1916; also on terreplein		
L - CG enclave; since 1916		
B - reported in 1916 & again in 1995		
E - reported in 1916 & again in 1980		
Bi - reported in 1907 & 1918		
<b><i>Cenchrus myosuroides</i></b>	Big Sandspur	H?
L - South of Lighthouse; reported since 1962		
<b><i>Cenchrus tribuloides</i></b>	Dune Sandspur	N
G - reported since 1907		
L - reported since 1980		
Bi - reported in 1907		
B - reported since 1980		
E - reported since 1907		
<b><i>Cynodon dactylon</i></b>	Bermuda Grass	I
G - Parade Ground; reported consistently since 1938; Terreplein		
L - CG enclave; reported consistently since 1960		
<b><i>Dactyloctenium aegyptium</i></b>	Crowfoot Grass	Ir
G - Parade Ground, common; reported since 1980		
L - CG enclave; reported since 1980		
B - E. of tern study plot; first recorded in 1995; spreading, 1999		
<b><i>Digitaria bicornis</i></b>	Tropical Crabgrass	H
G - Parade Ground; recorded in 1960		
L - recorded in 1960, 1996		
<b><i>Digitaria horizontalis</i></b>	Jamaica Crabgrass	Hr
L - Lawn of Coast Guard enclave		
<b><i>Digitaria sanguinalis</i></b>	Northern Crabgrass	H
G - Parade Ground; reported in 1907 and 1962		
<b><i>Eleusine indica</i></b>	Goosegrass	Ir
G - Parade Ground; recorded in 1960 & seen again in 1995		
L - CG enclave; first recorded in 1994		
<b><i>Eragrostis ciliaris</i></b>	Gopher Tail Lovegrass	H
G - Parade Ground; Terreplein; reported since 1942		
L - CG enclave; reported since 1960		
<b><i>Eragrostis prolifera</i></b>	Caribbean Lovegrass	H
G - recorded in 1962 & 1977		
L - recorded only in 1977		
<b><i>Eragrostis tenella</i></b> (E. amabilis)	Plumed Lovegrass	H

G - reported only in 1942 L - along trail to former site of Carnegie Lab; recorded since 1962		
<b><i>Eustachys glauca</i></b>	Saltmarsh Fingergrass	Nr
G - Parade Ground; recorded in 1960 L - reported in 1980		
<b><i>Eustachys petraea</i></b>	Stiffleaf Fingergrass	N
G - Parade Ground; Terreplein; reported since 1907 L - recorded since 1962 B - reported since 1942 E - East strand; recorded in 1995		
<b><i>Panicum maximum</i> (Urochloa maxima)</b>	Guinea Grass	I
L - South of the Lighthouse; since 1942		
<b><i>Paspalum caespitosum</i></b>	Blue Paspalum	H
G - not reported since 1942 L - not reported since 1918		
<b><i>Paspalum vaginatum</i></b>	Seashore Paspalum	N
G - reported since 1904 L - reported since 1980 B - reported since 1980 Lon - reported only in 1980 Bi - reported in 1904		
<b><i>Setaria macrosperma</i></b>	Large Foxtail Grass	Hr
L - South of Lighthouse; first recorded in 1994		
<b><i>Setaria parviflora</i></b>	Fox-tail Grass	Hr
G - Parade Ground; recorded in 1960 & 1978 L - Coast Guard enclave; first collected in 1996		
<b><i>Sporobolus domingensis</i></b>	Coral Dropseed	N
G - Parade Ground; since 1904 L - CG enclave; recorded in 1960		
<b><i>Sporobolus jacquemontii</i> (S. indicus)</b>	West Indian Dropseed	Hr
G - reported in 1962-80 L - reported only in 1980		
<b><i>Sporobolus purpurescens</i></b>	Purple Dropseed	N?
G - reported only in 1907		
<b><i>Sporobolus pyramidatus</i></b>	Whorled Dropseed	Hr
G - Parade Ground; recorded only in 1960		
<b><i>Sporobolus virginicus</i></b>	Seashore Dropseed	N
An important member of the strand vegetation of most Keys. Irregularly reported, however since it only sporadically puts up an inflorescence. In 1995 not on Hospital or Middle Keys		
<b><i>Stenotaphrum secundatum</i></b>	St. Augustine Grass	I
G - Parade Ground; recorded since 1960		

<b><i>Uniola paniculata</i></b>	Sea Oats	N
A consistent member of the native strand vegetation for most Keys. Not seen on Long Key, however, since 1916. In 1995, also not seen on Hospital (Sand) Key.		
<b><i>Urochloa distachya</i> (<i>U. subquadripara</i>)</b>	Signal Grass	H
G – Parade Ground; Terreplein; since 1960		
L - CG enclave; since 1980; also along northern trail		

## Dicotyledons

### ACANTHACEAE - ACANTHUS FAMILY

<b><i>Blechnum pyramidatum</i></b>	Mazorquilla	Hr
G - near the residence; recorded since 1980		
<b><i>Ruellia brittoniana</i> (<i>R. tweediana</i>)</b>	Mexican Ruellia	I
G - cultivated; recorded only in 1960		

### AIZOACEAE - CARPETWEED FAMILY

<b><i>Sesuvium portulacastrum</i></b>	Sea Purslane	N
A common plant of the coastal strand, recorded from all periods for B/Lon, E, G, L, Bi, & in 1904 and 1990's H.		
<b><i>Trianthema portulacastrum</i></b>	Horse-purslane	Hr
G - near the residences; seen only in 1980		

### AMARANTHACEAE - AMARANTHUS FAMILY

<b><i>Alternanthera maritima</i></b>	Chaff-flower	N?
B - not seen since 1942		
G - not seen since 1918		
Lon - not seen since 1918		
<b><i>Alternanthera philoxeroides</i></b>	Alligator Weed	H
B - recorded only in 1977		
<b><i>Amaranthus viridis</i></b>	Slender Amaranth	H?
G - not seen since 1904		
<b><i>Blutaperon vermiculare</i></b>	Samphire, Beach Carpet	N
B/L - recorded since 1962		
G - recorded in 1904 & since 1980, N. of Rubble Pile		

### ANACARDIACEAE - SUMAC FAMILY

<b><i>Mangifera indica</i></b>	Mango	I
G - cultivated within Fort; recorded only in 1980		



<b><i>Schinus terebinthifolius</i></b>	Brazilian Pepper	Ir
G - cultivated within Fort; recorded in 1960 and 1980		

#### APOCYNACEAE - Dogbane FAMILY

<b><i>Allamanda cathartica</i></b>	Golden Trumpet	Ir
G - cultivated within Fort; recorded in 1980		

<b><i>Catharanthus roseus</i></b>	Madagascar Periwinkle	I
E - North end, pioneering in, first collected in 1995		
G - cultivated within Fort; recorded since 1942		
L - cult.in CG enclave, spreading; recorded since 1918		

<b><i>Nerium oleander</i></b>	Oleander	I
G - cultivated; not seen since 1962		
L - not seen since 1918		

<b><i>Ochrosia elliptica</i></b>	Ochrosia	I
G - cultivated within Fort; recorded since 1960		

<b><i>Plumeria rubra</i></b>	Frangipani	Ir
G - cultivated within Fort; reported in 1995		

<b><i>Thevetia peruviana</i></b>	Lucky Nut	I
G - cultivated; not seen since 1918		

#### ARALIACEAE - GINSENG FAMILY

<b><i>Polyscias guilfoylei</i></b>	Coffee Tree	I
G - cultivated within Fort; recorded only in 1960-2		

#### ASCLEPIADACEAE - MILKWEED FAMILY

<b><i>Cryptostegia grandiflora</i></b>	Palay Rubber-vine	I
G - cultivated within Fort; recorded since 1962		

<b><i>Cynanchum angustifolium</i></b>	Coastal Cynanchum	Hr
G - Strand, just S. of the dock; recorded since 1994		

<b><i>Sarcostemma clausum</i></b>	White Vine	Hr
G - N. rubble pile; recorded since 1994		

<b><i>Stapelia gigantea</i></b>	Carrion Flower	Ir
G - planting inside Fort Wall; seen since 1995		

#### ASTERACEAE - DAISY FAMILY

<b><i>Ambrosia artemisiifolia</i></b>	Common Ragweed	Hr
G - collected inside Fort, 1998		

<b><i>Ambrosia hispida</i></b> L - recorded consistently since 1960, spreading	Coastal Ragweed	N
<b><i>Bidens alba</i> var. <i>radiata</i></b> G - present since 1904 L - present since 1940	Spanish Needles	N
<b><i>Calyptracarpus vialis</i></b> L - CG enclave; first recorded in 1995, persists in 1996		Hr
<b><i>Conyza canadensis</i> var. <i>pusilla</i></b> G - recorded consistently since 1918 L - Recorded since 1942	Dwarf Horseweed	H
<b><i>Cyanthillium cinereum</i> (Vernonia cinerea)</b> G - Parade Ground; recorded intermittently since 1960	Asian Ironweed	Hr
<b><i>Gaillardia pulchella</i></b> G - cultivated within Fort; recorded only in 1962	Blanket Flower	I
<b><i>Gnaphalium falcatum</i></b> G - pioneer in cultivated bed; seen since 1978	Cudweed	Hr
<b><i>Iva imbricata</i></b> A fairly consistent member of the strand vegetation for most of the Keys; never reported from Long Key. Where found, varies in abundance; possibly overlooked in some years.	Dune Elder	N
<b><i>Melanthera aspera</i> var. <i>aspera</i></b> G - common; since 1907 L - since 1907 B - recorded since 1977	Cat Tongue	N
<b><i>Melanthera aspera</i> var. <i>glabriuscula</i></b> G - Small magazine; reported since 1980 L - South of Lighthouse; recorded since 1994		N
<b><i>Sonchus oleraceus</i></b> G - Parade Ground; recorded since 1904 L - CG enclave; recorded since 1980	Sow Thistle	H

#### AVICENNIACEAE - BLACK MANGROVE FAMILY

<b><i>Avicennia germinans</i></b> G - Near campground; present since 1904 B - Near the East end; reported since 1942 Lon - along the West side; since 1938	Black Mangrove	N
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#### BATACEAE - BATIS FAMILY

<b><i>Batis maritima</i></b> Lon - at the North end; since 1938	Saltwort	N
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**BIGNONIACEAE - BIGNONIA FAMILY**

***Tecoma castanifolia*** Trumpet Bush Ir  
G - cultivated within Fort; seen in 1960 & '80, but not since

**BORAGINACEAE - BORAGE FAMILY**

***Argusia gnaphalodes*** Sea Lavender N  
A consistent member of the coastal strand flora for all keys, except Hospital Key.

***Cordia sebestena*** Geiger Tree N?  
G - cultivated on Parade Ground, now naturalized; since 1904  
L - possibly introduced, thoroughly naturalized; since 1904

***Heliotropium angiospermum*** Scorpion-tail H  
G - recorded only in 1962, without comment

***Heliotropium curassavicum*** Seaside Heliotrope N  
G - within Fort; recorded in 1904 & since 1960

**BRASSICACEAE - MUSTARD FAMILY**

***Brassica rapa*** Field Mustard Hr  
G - Terreplein; recorded in 1994

***Cakile edentula*** American Sea Rocket

***Cakile lanceolata*** Sea Rocket N  
A consistent member of the strand vegetation of all Keys except Long.  
Collected on Long Key in 1995.

***Lepidium virginicum*** Pepper-grass H  
G - Parade Ground; recorded since 1916  
L - CG enclave; collected in 1994

**BURSERACEAE - GUMBO-LIMBO FAMILY**

***Bursera simaruba*** Gumbo-limbo I  
G - Parade Ground; recorded since 1916, removed from Terreplein, 1998  
L - CG enclave; since 1962, spreading

**CACTACEAE - CACTUS FAMILY**

***Cereus hildemannianus* (Cereus peruvianus)** Apple Cactus Ir  
G - Parade Ground; since 1980

***Opuntia stricta* var. *dillenii*** Prickly Pear N  
Bi - reported in 1904 & 1918  
G - Terreplein; since 1904

L - common; since 1904  
 B - common; since 1938  
 Lon - reported only in 1980

#### CARICACEAE - PAPAYA FAMILY

***Carica papaya*** Papaya I  
 G - cultivated within Fort; reported in 1960 & since 1994  
 L - Not reported since 1918

#### CASUARINACEAE - CASUARINA FAMILY

***Casuarina equisetifolia*** Australian Pine I  
 G - Terreplein; reported in 1942 & again 1980 & since 1995, seedlings, being removed 1998-99  
 L - very extensive late 1960's - mid 1990's: recorded since 1916; being removed, 1998-99  
 B - East end; since 1977; being removed, 1998-99  
 Lon - South end; since 1980; being removed, 1998-99

#### CHENOPODIACEAE - GOOSEFOOT FAMILY

***Atriplex arenaria*** (A. pentandra) Beach Orach N  
 G - outside Fort; since 1907  
 B - since 1918  
 Lon - NW strand; since 1918

***Salicornia bigelovii*** Annual Glasswort N  
 Lon - N & S ends; since 1938

#### CLUSIACEAE - CLUSIA FAMILY

***Calophyllum antillanum*** (C. calaba) Santa Maria Ir  
 G - cultivated in Fort; reported in 1960 & 1980

#### COMBRETACEAE - WHITE MANGROVE FAMILY

***Conocarpus erectus*** Buttonwood N  
 G - Parade Ground; present since 19th century  
 B - Eastern end; reported since 1938  
 L - One plant on SE beach ridge; since 1994

***Conocarpus erectus* var. *sericeus*** Silver Buttonwood N  
 G - Parade Ground and Rubble Pile; since 1916

***Laguncularia racemosa*** White Mangrove N  
 B - North strand; since 1938  
 Lon - reported since 1962

***Terminalia catappa*** Indian-almond I  
 G - within Fort; since 1904  
 L - CG enclave; reported since 1994, spreading, being removed, 1998-99

### CONVOLVULACEAE - MORNING GLORY FAMILY

<b><i>Evolvulus alsinoides</i> var. <i>grisebachianus</i></b>	Creeping Morning Glory	Hr
G - Parade Ground, & Terreplein; collected in 1995-6		
<b><i>Ipomoea alba</i></b>	Moonflower	N
L - South of Lighthouse; reported in 1907 & recorded again in 1995, probably continuously present		
<b><i>Ipomoea batatas</i></b>	Sweet Potato	Ir
G - cultivated within Fort; reported only in 1960		
<b><i>Ipomoea indica</i> var. <i>acuminata</i></b>	Morning Glory	Nr
B - East end; first collected, 1999		
<b><i>Ipomoea pes-caprae</i></b>	Beach Creeper, RR Vine	N
G - strand; consistently present since 1904		
L - strand; consistently present since 1904		
B - near East end; reported in 1916 & 1938 & again in 1995-6		
Lon - strand; reported only in 1962 & 1995-6		
E - strand; reported since 1942		
H - strand; reported only in 1904		
<b><i>Ipomoea violacea</i></b>	Moonflower	N
G - reported since 1916		
B - reported since 1977		
L - reported since 1918		
Lon - reported only in 1977-80		
E - reported since 1977		

### CRASSULACEAE - ORPINE FAMILY

<b><i>Kalanchoe daigremontiana</i></b>	Devil's Backbone	Ir
G - Within Fort; reported only in 1980		
<b><i>Kalanchoe tubiflora</i></b>	Chandelier Plant	Ir
G - cultivated within Fort; reported since 1994		
L - in scrub S. of Lighthouse; reported since 1978		

### CUCURBITACEAE - GOURD FAMILY

<b><i>Citrullus lanatus</i></b>	Watermelon	Hr
G - Strand north of South Coaling Dock, collected 1999		

### EUPHORBIACEAE - SPURGE FAMILY

<b><i>Breynia disticha</i></b>	Snowbush	I
G - cultivated within Fort; reported only in 1960		
<b><i>Chamaesyce adenoptera</i></b> (C. pergamena)	Spurge	H

G - reported only in 1907		
<b><i>Chamaesyce blodgettii</i></b> G - Parade ground; Terreplein; since 1960 L - CG enclave; since 1994	Spurge	H
<b><i>Chamaesyce hirta</i></b> G - Parade Ground; since 1960 L - CG enclave; since 1962	Garden Spurge	H
<b><i>Chamaesyce hypericifolia</i></b> G - Parade Ground; since 1918 L - CG enclave; since 1995	Erect Spurge	H
<b><i>Chamaesyce hyssopifolia</i></b> G - Parade Ground; since 1980 L - CG enclave; since 1980	Hyssop Spurge	Hr
<b><i>Chamaesyce mesembryanthemifolia</i></b> A consistent member of the strand vegetation for all Keys	Coast Spurge	N
<b><i>Chamaesyce opthalmica</i></b> G - Parade Ground; since 1995 L - CG enclave; since 1960	Spurge	Hr
<b><i>Chamaesyce prostrata</i></b> G - Parade Ground; since 1960 L - CG enclave; since 1960	Spurge	H
<b><i>Codiaeum variegatum</i></b> G - cultivated within Fort; reported only in 1960-2	"Croton"	I
<b><i>Euphorbia lactea</i></b> G - cultivated within Fort; reported since 1980	Candelabra Cactus	Ir
<b><i>Euphorbia milii</i></b> G - cultivated within Fort; reported only in 1980	Crown-of-Thorns	Ir
<b><i>Pedilanthus tithymaloides</i></b> G - cultivated within Fort; recorded since 1960 L - cultivated; reported in 1916 & 1942	Redbird Flower	I
<b><i>Phyllanthus amarus</i></b> G - Parade Ground; recorded since 1960 L - CG enclave; reported since 1980	Gale-of-wind	H
<b><i>Poinsettia cyathophora</i></b> G - Terreplein; reported fairly consistently since 1904 L - Scrub S. of CG enclave; reported since 1918 B - Interior scrub; reported since 1977	Painted Leaf	N
<b><i>Ricinus communis</i></b> G - cultivated; not seen since 1916	Castor Bean	I

## FABACEAE - PEA FAMILY

<b><i>Abrus precatorius</i></b> G - perhaps cultivated; reported only in 1960-2	Rosary Pea	I
<b><i>Caesalpinia bonduc</i></b> G - North coast scrub; since 1916 L - Scrub NE of CG enclave; recorded fairly consistently since 1904	Gray Nicker Bean	N
<b><i>Caesalpinia pulcherrima</i></b> G - cultivated; recorded only in 1960-2	Poinciana	I
<b><i>Cajanus cajan</i></b> G - Within Fort; not reported since 1942	Pigeon Pea	I
<b><i>Canavalia rosea</i></b> G - strand; Terreplein; consistently present since 1904 L - strand; consistently present since 1904	Beach Bean	N
<b><i>Ceratonia siliqua</i></b> G - cultivated within Fort; recorded since 1960	Carob, St. John's Bread	I
<b><i>Crotalaria pallida</i></b> G - rubble pile, NE coast; since 1960	Rattlebox	H
<b><i>Crotalaria retusa</i></b> G - Terreplein; since 1960	Rattlebox	Hr
<b><i>Delonix regia</i></b> G - cultivated within Fort; reported since 1962	Royal Poinciana, Flame Tree	I
<b><i>Desmanthus virgatus</i> var. <i>depressus</i></b> G - Parade lawn; Terreplein; since 1960		H
<b><i>Desmodium incanum</i></b> G - common lawn weed; recorded since 1960	Beggarweed	H
<b><i>Desmodium scorpiurus</i></b> G - near N. Coaling Dock; Parade Ground; recorded since 1960	Beggarweed	Hr
<b><i>Erythrina variegata</i></b> G - cultivated within Fort; reported in 1960 & 1980, not since	Coralbean	Ir
<b><i>Galactia parvifolia</i></b> (G. volubilis) G - Terreplein; recorded 1960 & again in the '90's; Off. Ruins;	Milkpea	Hr
<b><i>Glottidium vesicarium</i></b> (Sesbania v.) G - Reported only in 1918; dubious report?	Bladder Pod	I
<b><i>Indigofera spicata</i></b> G - Terreplein; seen in fl. in 1994, specimen in 1995-6; Parade.	Creeping Indigo	Hr

<b><i>Indigofera tinctoria</i></b> G - Interior & exterior of Fort; since 1960	Indigo	Hr
<b><i>Rhynchosia minima</i></b> G - Reported in 1918 & 1942, not since		H
<b><i>Senna surattensis</i></b> G - cultivated; reported only in 1960	Scrambled Eggs	Ir
<b><i>Sesbania exaltata</i></b> G - Reported in 1942; dubious	Coffeeweed	H
<b><i>Sesbania sericea</i></b> G - probably present since 1904; specimens in 1960 & 1995; other reports of <b><i>Sesbania</i></b> or <b><i>Glottidium</i></b> are probably this species.	Dangle-pod	H
<b><i>Stylosanthes hamata</i></b> G - Parade Ground & Terreplein; first reported in 1994, spreading	Pencil Flower	Hr
<b><i>Tamarindus indica</i></b> G - Parade Ground; since 1904	Tamarind	I
<b><i>Vigna luteola</i></b> G - near N. Coaling Dock; reported only in 1980; found again in 1998, S. of rubble pile	Cowpea	Hr
<b>GENTIANACEAE - GENTIAN FAMILY</b>		
<b><i>Eustoma exaltatum</i></b> G - Interior & exterior of Fort; Terreplein; since 1960	Seaside Gentian	H?
<b>GOODENIACEAE - GOODENIA FAMILY</b>		
<b><i>Scaevola plumieri</i></b> A fairly consistent member of the strand vegetation of most Keys. In 1995 not found on Long, Hospital or Middle Keys.	Beachberry	N
<b><i>Scaevola taccada</i></b> A recent exotic invader. In 1995 present on Garden, Long, Loggerhead and Bush Keys; appears to be spreading; being removed, 1998-99	Pacific Beachberry	Ir
<b>HYDROPHYLLACEAE - WATERLEAF FAMILY</b>		
<b><i>Nama jamaicense</i></b> G - Parade Ground; reported since 1961 L - CG enclave; since 1980		Hr
<b>LAMIACEAE - MINT FAMILY</b>		
<b><i>Coleus blumei</i></b> G - cultivated; reported only in 1960	Painted Nettle	Ir
<b><i>Coleus amboinicus</i></b> (Plectranthus a.) G - cultivated; reported since 1994	"Oregano", Spanish Thyme	Ir



<b><i>Salvia serotina</i></b>	Small White Sage	I
G - cultivated; reported in 1960-64, not seen since		
L - cultivated; reported in 1904-62, not seen since		
<b>LAURACEAE - LAUREL FAMILY</b>		
<b><i>Persea americana</i></b>	Avacado	Ir
G - cultivated; reported in 1960 & 1995-6 (potted)		
<b>LOGANIACEAE - LOGANIA FAMILY</b>		
<b><i>Polypremum procumbens</i></b>	Rustweed	Hr
G - Parade Ground lawn; reported since 1994		
L - CG enclave lawn; since 1960		
<b>LYTHRACEAE - LOOSESTRIFE FAMILY</b>		
<b><i>Lawsonia inermis</i></b>	Henna	I
G - cultivated; recorded only in 1962		
<b>MALVACEAE - MALLOW FAMILY</b>		
<b><i>Hibiscus rosa-sinensis</i></b>	Rose-of-China	I
G - cultivated; recorded since 1962,		
L - cultivated; reported in 1916 & 1980; but not since.		
<b><i>Malvastrum corchorifolium</i></b>	False Mallow	Hr
L - Northern end; S. of CG enclave		
<b><i>Malvaviscus arboreus</i></b>	Turk's Cap	I
G - cultivated; recorded 1962-1980		
<b><i>Sida abutilifolia</i></b> ( <i>Sida procumbens</i> )		N
G - Interior and exterior of Fort; Terreplein; since 1904		
L - CG enclave; since 1995		
<b><i>Sida acuta</i></b>	Southern Sida, Wireweed	H
G - Parade Ground; since 1904		
L - CG enclave; since 1978		
<b><i>Sida antillensis</i></b>		Hr
L - Scrub S. of Lighthouse; since 1980		
<b><i>Sida ciliaris</i></b>		Hr
G - lawns; since 1977, spreading		
L - CG enclave; since 1995		
<b><i>Thespesia populnea</i></b>	Seaside Mahoe, Portia Tree	I?
G - Parade Ground; since 1916		
L - CG enclave; since 1916		

**MELIACEAE - MAHOGANY FAMILY**

<b><i>Swietenia mahogany</i></b>	Mahogany	Ir
G - Parade Ground, a planting, 1999		

#### MORACEAE - FIG FAMILY

<b><i>Ficus benjamina</i></b>	Weeping Fig	I
G - Parade Ground; reported only in 1980, no specimen		

<b><i>Ficus carica</i></b>	Common Fig	I
G - reported only in 1942		

<b><i>Ficus elastica</i></b>	Rubber Tree	Ir
L - CG enclave; reported since 1994		

<b><i>Ficus hispida</i></b>		I
L - reported in 1918 & 1942; dubious, see <b><i>Ficus sycomorus</i></b>		

<b><i>Ficus palmata</i></b>		I
L - reported in 1962		

<b><i>Ficus sycomorus</i></b>	Sycamore Fig	Ir
L - CG enclave; a mature tree in 1960 (spec.), and persisting to 1999		

#### MORINGACEAE - MORINGA FAMILY

<b><i>Moringa oleifera</i></b>	Horseradish Tree, Ben Tree	Ir
G - Parade Ground; since 1960; killed by Hurricane, 1998		

#### MYRTACEAE - MYRTLE FAMILY

<b><i>Eugenia uniflora</i></b>	Surinam Cherry	Ir
L - CG enclave, cultivated; reported only in 1960		

<b><i>Psidium guajava</i></b>	Guava	I
G - cultivated; reported 1916 - 1980, no longer present		

#### NYCTAGINACEAE - FOUR-O'CLOCK FAMILY

<b><i>Boerhavia coccinea</i></b> (B. diffusa)	Red Spiderling	N
G - Interior and exterior of Fort; since 1904		
L - since 1916		
B - reported only in 1980, no specimen		

<b><i>Bougainvillea glabra</i></b>	Bougainvillea	I
G - cultivated; recorded since 1960		

#### OXALIDACEAE - WOOD SORREL FAMILY

<b><i>Oxalis corniculata</i></b>	Creeping Sourgrass	Hr
G - lawn; reported since 1960		

L - lawn; reported since 1980

**PAPAVERACEAE - POPPY FAMILY**

<b><i>Argemone mexicana</i></b> var. <b><i>leiocarpa</i></b>	Mexican Prickly Poppy	H
G - not seen since 1916		

**PASSIFLORACEAE - PASSION FLOWER FAMILY**

<b><i>Passiflora suberosa</i></b>	Corky-stemmed Passion Flower	Nr
L - first reported in 1994, present, spreading in 1996		

**PLANTAGINACEAE - PLANTAIN FAMILY**

<b><i>Plantago virginica</i></b>	Southern Plantain	Hr
L - CG enclave; since 1994		
G - first collected in 1997		

**POLYGONACEAE - BUCKWHEAT FAMILY**

<b><i>Coccoloba uvifera</i></b>	Sea Grape	N?
G - Parade Ground; since 1918		
L - CG enclave; since 1918		

**PORTULACACEAE - PURSLANE FAMILY**

<b><i>Portulaca oleracea</i></b>	Purslane	N
Bi - strand plant present in 1904 & 1915		
G - strand; since 1904		
L - strand; since 1904		
B - strand; since 1980		

<b><i>Portulaca pilosa</i></b>	Pink Purslane	Hr
G - Parade Ground; recorded since 1995-6		

**RHAMNACEAE - BUCKTHORN FAMILY**

<b><i>Colubrina asiatica</i></b>	Lather Leaf	Ir
L - SE coastal scrub; since 1994, being eradicated 1997		

**RHIZOPHORACEAE - RED MANGROVE FAMILY**

<b><i>Rhizophora mangle</i></b>	Red Mangrove	N
G - reported in 1918, collected in 1996 (drift seedling)		
B - coastal; since 1916		
Lon - coastal; since 1938		

**ROSACEAE - ROSE Family**

<b><i>Raphiolepis umbellata</i></b>	Yedda Hawthorn	Ir
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G - Interior of Fort, cultivated; reported only in 1980, no specimen

**RUBIACEAE - MADDER FAMILY**

***Oldenlandia corymbosa*** (Hedyotis c.) Hr  
G - Parade Ground; reported in 1978 & 1995

**RUTACEAE - CITRUS FAMILY**

***Citrus aurantifolia*** Key Lime I  
G - a planting; from 1960 to 1980

***Citrus reticulata*** Tangerine I  
G - a planting inside Fort Wall; 1990's

***Murraya paniculata*** Orange Jasmine Ir  
G - a planting; since 1960

**SAPOTACEAE - SAPODILLA FAMILY**

***Pouteria campechiana*** Eggfruit Ir  
G - a planting; reported only in 1960

**SCROPHULARIACEAE - SNAPDRAGON FAMILY**

***Capraria biflora*** Goatweed N  
G - Parade Ground, Terreplein; since 1904  
L - CG enclave; since 1904

**SOLANACEAE - NIGHTSHADE FAMILY**

***Lycopersicon esculentum*** Tomato Ir  
G - Cultivated; fairly consistently since 1960

***Solanum americanum*** Common Nightshade Hr  
L - S. edge of Coast Guard enclave, collected 1996-1997, spreading, 1998, after burn

***Solanum bahamense*** Bahama Nightshade N?  
L - South of Lighthouse; since 1960, spreading to N. 1996  
B - reported, perhaps erroneously, in 1962. Not seen there.

***Solanum houstonii*** (S. tampicense) Aquatic Soda Apple Hr?  
G - Interior of Small Magazine; since 1974  
L - one plant, S. of Lighthouse, 1996 (collected)

**STERCULIACEAE - CHOCOLATE FAMILY**

***Waltheria indica*** Sleepy Morning H  
G - Terreplein; since 1960

L - Scrub S. of CG enclave; reported in 1995

**SURIANIACEAE - BAY CEDAR FAMILY**

<b><i>Suriana maritima</i></b>	Bay Cedar	N
A consistent member of the native vegetation on nearly all the Keys		

**URTICACEAE - NETTLE FAMILY**

<b><i>Parietaria floridana</i></b>	Florida Pellitory	Hr
G - Small Magazine; Parade; recorded since 1980		
L - Lawn near CG office; recorded since 1994		

**VERBENACEAE - VERBENA FAMILY**

<b><i>Phyla nodiflora</i></b>	Creeping Charlie	N
G - Parade Ground, common; seen consistently since 1918		
L - CG enclave; first recorded in 1995		

<b><i>Stachytarpheta jamaicensis</i></b>	Blue Porterweed	N
G - Parade Ground, common; seen consistently since 1904		
L - CG enclave; reported since 1942, but very few plants		

**ZYGOPHYLLACEAE - CALTROP FAMILY**

<b><i>Guaiacum sanctum</i></b> (Guajacum s.)	Lignum vitae	Ir
G - Parade Ground, plantings, 1998, poor survival 1999		

<b><i>Tribulus cistoides</i></b>	Puncture Vine	I
L - near the Lighthouse; not seen since 1904		

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Arum Family	3	Coast Spurge	13
Asian Ironweed	9	Coastal Cynanchum	8
Australian Pine	11	Coastal Ragweed	8
Avacado	15	Coconut Palm	3
<b>B</b>		Coffee Tree	8
Bahama Nightshade	19	Coffeeweed	15
Banana	4	Common Fig	17
Banana Family	4	Common Ragweed	8
Batis Family	9	Cook Pine	2
Bay Cedar	19	Coralbean	14
Bay Cedar Family	19	Coral Dropseed	6
Beach Bean	14	Corky-stem Passionflower	18
Beachberry	15	Cowpea	15
Beach Carpet	7	Creeping Charlie	20
Beach Orach	11	Creeping Indigo	14
Beggarweed	14	Creeping Morning Glory	11
Bermuda Grass	5	Creeping Sour Grass	17
Big Sandspur	5	Croton	13
Bignonia Family	9	Crowfoot Grass	5
Black Mangrove	9	Crown-of-thorns	13
Bladder Pod	14	Cudweed	9
Blanket Flower	9	<b>D</b>	
Blue Paspalum	6	Daisy Family	8
Blue Porterweed	20	Danglepod	15
Borage Family	10	Date Palm	3
Bougainvillea	17	Dayflower Family	3
Bowstring-hemp	2	Desert Fan Palm	3
Brazilian Pepper	7	Devil's Backbone	12
Buttonwood	11	Dogbane Family	8
Buckwheat Family	18	Dwarf Horseweed	9
<b>C</b>		Dune Elder	9
Cactus Family	10	Dune Sandspur	5
Caltrop Family	20	<b>E</b>	
Canary Island Date Palm	3	Eggfruit	19
Candelabra Cactus	13	Emerald Fern	4
Caribbean Lovegrass	5	Erect Spurge	13
Carob	14	<b>F</b>	
Carpetweed Family	7	False Sisal	2
		Ferns	2

Field Mustard	10	Flame Tree	14
Fiji Fan Palm	3	Flat Sedge	4
Florida Pellitory	20	M	
Four O'Clock Family	17	Madagascar Periwinkle	8
Foxtail Grass	6	Madder Family	18
Frangipani	8	Mahogany	16
G		Mallow Family	16
Gale-of-wind	13	Mango	7
Garden Asparagus	4	Manila Palm	3
Garden Spurge	13	Mazorquilla	7
Geiger Tree	10	Mexican Prickly Poppy	17
Gentian Family	15	Mexican Ruellia	7
Ginseng Family	8	Milkpea	14
Goatweed	19	Milkweed Family	8
Golden Trumpet	8	Mint Family	15
Goodenia Family	15	Moonflower	12
Goosefoot Family	11	Moringa Family	17
Goose Grass	5	Morning Glory Family	11
Gophertail Lovegrass	5	Mustard Family	10
Grass Family	4	Myrtle Family	17
Gray Nicker Bean	14	N	
Guava	17	Nephthytis	3
Guinea Grass	6	Nettle Family	20
Gumbo-Limbo	10	Nightshade Family	19
Gumbo-Limbo Family	10	Northern Crabgrass	5
H		O	
Henna	16	Ochrosia	8
Horse-purslane	7	Oleander	8
Horseradish Tree	17	Oregano	15
Hyssop Spurge	13	Orange Jasmine	19
I		Orpine Family	12
Indian-almond	11	Oyster Plant	3
Indigo	14	P	
J		Pacific Beachberry	15
Jamaica Crabgrass	5	Painted Leaf	13
K		Painted Nettle	15
Key Lime	18	Palay Rubber Vine	8
L		Papaya	11
Large Foxtail Grass	6	Papaya Family	11
Lather Leaf	18	Passion Flower Family	18
Laurel Family	15	Pea Family	13
Leather Fern	2	Pencil Flower	15
Lily Family	4	Pepper Grass	10
Logania Family	16	Pigeon Pea	14
Loosestrife Family	16	Pineapple Family	3
Lucky Nut	8	Pitted Bluestem	4
		Plaintain Family	18
		Plumed Lovegrass	5
		Poinciana	14
		Poppy Family	17
		Pothos	3

Prickly Pear	10	Purple Queen	3
Puncture Vine	20	Purslane	18
Purple Dropseed	6	Purslane Family	18
Purple Nut Sedge	4		
<b>R</b>		Spurge Family	12
Railroad Vine	12	St. Augustine Grass	6
Rattlebox	14	St John's Bread	14
Red Mangrove	18	Stiff-leaf Fingergrass	6
Red Mangrove Family	18	Stiff-leaved Wild Pine	3
Red Spiderling	17	Sumac Family	7
Redbird Flower	13	Surinam Cherry	17
Rosary Pea	13	Sweet Potato	12
Rose Family	18	Sycamore Fig	17
Rose-of-China	16		
Royal Poinciana	14	<b>T</b>	
Rubber Tree	17	Tamarind	15
Rush Family	4	Tampico Soda Apple	19
Rustweed	16	Tangerine	18
		Ti Plant	2
<b>S</b>		Tomato	19
Saltwort	9	Tropical Crabgrass	5
Samphire	7	Trumpet Bush	9
Santa Maria	11	Turk's Cap	16
Sapodilla Family	19		
Scorpion-tail	10	<b>U</b>	
Scrambled Eggs	14	Umbrella Sedge	4
Screw-pine	4		
Screw-pine Family	4	<b>V</b>	
Sea Grape	18	Verbena Family	20
Sea Lavender	10		
Sea Oats	6	<b>W</b>	
Sea Purslane	7	Wandering Jew	3
Sea Rocket	10	Waterleaf Family	15
Seashore Dropseed	6	Weeping Fig	16
Seashore Paspalum	6	West Indian Dropseed	6
Seaside Gentian	15	White Mangrove	11
Seaside Heliotrope	10	White Mangrove Family	11
Seaside Mahoe	16	White Vine	8
Sedge Family	4	Whorled Dropseed	6
Signal Grass	7	Wireweed	16
Silver Buttonwood	11	Wood Fern	2
Sisal-hemp	2	Wood Sorrel Family	17
Sleepy Morning	19		
Small White Sage	15	<b>Y</b>	
Snapdragon Family	19	Yedda Hawthorn	18
Snowbush	12		
Southern Fingergrass	6		
Southern Plantain	18		
Southern Sandspur	5		
Sow-thistle	9		
Spanish Bayonet	2		
Spanish Needles	9		
Spider-lily	2		
Spider-lily Family	2		
Spurge	12,13		

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